

Title (en)

SWING-OUT ROOF PART FOR MOTOR VEHICLES

Publication

EP 0370249 A3 19900919 (DE)

Application

EP 89119707 A 19891024

Priority

DE 3839403 A 19881122

Abstract (en)

[origin: US4995666A] An openable roof assembly, especially for a sun-roof of an automotive vehicle has a single hinge mounting the translucent panel along one longitudinal edge to the frame and a single closure element at the opposite longitudinal edge of the panel so that the closure element and the hinge are provided along the surface centerline of the panel. In this way, indifferent zones between hinges are avoided and a uniform distribution of the closing force to the panel can be ensured.

IPC 1-7

B60J 7/08

IPC 8 full level

B60J 7/08 (2006.01); **B60J 7/16** (2006.01)

CPC (source: EP US)

B60J 7/1642 (2013.01 - EP US)

Citation (search report)

- [Y] GB 2164006 A 19860312 - AUTOROOF LTD
- [Y] US 3720440 A 19730313 - PODOLAN E
- [A] BE 657393 A 19650416

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

US 4995666 A 19910226; AT E75672 T1 19920515; CA 2003249 A1 19900522; DE 3839403 C1 19891123; DE 58901339 D1 19920611; EP 0370249 A2 19900530; EP 0370249 A3 19900919; EP 0370249 B1 19920506; ES 2033066 T3 19930301

DOCDB simple family (application)

US 43304289 A 19891106; AT 89119707 T 19891024; CA 2003249 A 19891117; DE 3839403 A 19881122; DE 58901339 T 19891024; EP 89119707 A 19891024; ES 89119707 T 19891024